Shaurya Chandhoke

Senior Software Engineer

Iselin, NJ • +1-732-379-8069 • chandhoke.shaurya@gmail.com • linkedin.com/in/shaurya-chandhoke

SKILLS

Machine Learning: Deep Learning, Natural Language Processing, Computer Vision, AI, Data Science, Big Data Software Engineering: Agile, CI/CD, OOP, TDD, Serverless, Microservice, Distributed Computing Technologies: AWS, RabbitMQ, Jenkins, Jira, Docker, Kubernetes, GQL, TensorFlow, PyTorch, Scikit-learn Programming: Python, JavaScript, TypeScript, HTML, CSS, Sass, R, Java, C++, SQL, Bash, Julia, Rust, Kotlin

WORK EXPERIENCE

ADP, Roseland, NJ

Senior Software Engineer, Marketplace

Sept 2023 - Present

- Constructed modular ML API recommendation system using AWS SageMaker, driving a 10% increase in user conversion rates within early Q1
- Directed collaboration effort with engineers to migrate on-premise apps to AWS EC2, Lambda, and S3 to cut down operating costs by 17% in first few weeks of FY24
- Developed API dictionary tool using Spring Boot and GraphQL to generate API metadata, yielding a 35% boost in API documentation retrievals within days of initial tool deployment

ADP, Roseland, NJ

Software Engineer, API Tooling

Aug 2020 - Sept 2023

- Generated monthly big data Python reports using Spark and Databricks to analyze user web app behavior, resulting in 12%-15% reduction in negative user feedback scores within 2022
- Optimized Angular web app in parsing large JSON documents, reducing page load time by 10-20 seconds and increasing app responsiveness since early FY21 Q3
- Spearheaded Docker and Kubernetes refactoring effort to enhance load balancing for microservices, improving PubSub communications between services by 15% during January 2022

ADP, Roseland, NJ

Software Engineering Intern

May 2019 - Aug 2019

- Collaborated with engineers using IBM Watson for Slack NLP, gaining 100% adoption of solution in alpha stage from test groups between May and June 2019
- Streamlined 5+ Node.js tools for API bundling and schema validation, presenting enhancements to project manager for infrastructure-wide integration
- Engineered bug triage framework in Jenkins CI/CD deployment environments, streamlining priority issue resolution time from 1 week to 8 hours

New Jersey Institute of Technology, Newark, NJ

Embedded Computing Research Assistant

Jan 2018 - Dec 2018

- Formulated C++ SLAM algorithm for lidars on NVIDIA Jetson boards enabling autonomous traversal decisions within 200ms, achieving low-latency solution for NJDOT
- Crafted data communication protocol for A2 lidar and Zumo robot, publishing system design to university research department
- Produced cost-effective Qt pothole mapping app using lidar data streaming pipelines, earning a \$10,000
 TechQuest innovation grant in April 2018

EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Master of Science, Machine Learning

Sept 2020 - May 2023

New Jersey Institute of Technology, Newark, NJ

Bachelor of Science, Computer Science

Sept 2016 - May 2020